

## Publications dans des revues internationales à comité de lecture

Palacio ., Berthouaud V, Guérin C, Lambourdière J, Maksud F, Philippe M, Plaire D, Stafford T, Marsolier-Kergoat M, Elalouf JM (2017) Genome data on the extinct *Bison schoetensacki* establish it as a sister species of the extant European bison (*Bison bonasus*). BMC Evol Biol 17, 48.

Marsolier-Kergoat, M.-C., Palacio, P., Berthouaud, V., Maksud, F., Stafford, T., Bégouën, R., and Elalouf JM. (2015) Hunting the extinct steppe bison (*Bison priscus*) mitochondrial genome in the Trois-Frères Paleolithic painted cave. PLoS One 10, e0128267.

Francelle, L., Galvan, L., Gaillard, M.-C., Petit, F., Bernay, B., Guillermier, M., Bonvento, G., Dufour, N., Elalouf, J.-M., Hantraye, P., Déglon, N., de Chaldée, M., and Brouillet, E. (2015) The striatal long noncoding RNA Abhd11os is neuroprotective against an N-terminal fragment of mutant huntingtin in vivo. Neurobiol. Aging 36, 1601.e7-e16.

Francelle L, Galvan L, Gaillard MC, Guillermier M, Houitte D, Bonvento G, Petit F, Jan C, Dufour N, Hantraye P, Elalouf JM, De Chaldée M, Déglon N, and Brouillet E. (2015) Loss of the thyroid hormone-binding protein Crym renders striatal neurons more vulnerable to mutant huntingtin in Huntington's disease. Hum. Mol. Genet. 24, 1563-1573.

Bon, C., Berthouaud, V., Maksud, F., Labadie, K., Poulain, J., Artiguenave, F., Wincker, P., Aury, J.-M., and Elalouf, J.-M. (2012) Coprolithes as a source of information on the genome and diet of the cave hyena. Proc. Biol. Sci. 279, 2825-2830.

Galvan, L., Lepejová, N., Gaillard, M.-C., Malgorn, C., Guillermier, M., Houitte, D., Bonvento, G., Petit, F., Dufour, N., Héry, P., Gérard, M., Elalouf, J.-M., Déglon, N., Brouillet, E., and de Chaldée, M. (2012) Capucin does not modify the toxicity of a mutant Huntingtin fragment in vivo. Neurobiol. Aging. 33,1845.e5-e6.

Bon, C., Berthonaud, V., Fosse, P., Gely, B., Maksud, F., Vitalis, R., Philippe, M., van der Plicht, J., and Elalouf J.-M. (2011). Low regional diversity of late cave bears mitochondrial DNA at the time of Chauvet Aurignacian paintings. *J. Archaeol. Sci.* *38*, 1886-1895.

Bernay, B., Gaillard, M.-C., Guryca, V., Emadali, A., Kuhn, L., Bertrand, A., Detraz, I., Carcenac, C., Savasta, M., Brouillet, E., Garin, J., and Elalouf, J.-M. (2009). Discovering new bioactive neuropeptides in the striatum secretome using in vivo microdialysis and versatile proteomics. *Mol. Cell. Proteomics* *8*, 946-958.

Bon, C., Caudy, N., de Dieuleveult, M., Fosse, P., Philippe, M., Maksud, F., Beraud-Colomb, E., Bouzaid, E., Kefi, R., Laugier, C., Rousseau, B., Casane, D., van der Plicht J., and Elalouf, J.-M. (2008). Deciphering the complete mitochondrial genome and phylogeny of the cave bear in the Paleolithic painted cave of Chauvet. *Proc. Natl. Acad. Sci. USA* *105*, 17447-17452.

Benchoua, A., Trioulier, Y., Diguët, E., Malgorn, C., Gaillard, M.-C., Dufour, N., Elalouf, J.-M., Krajewski, S., Hantraye, P., Déglon, N., and Brouillet, E. (2008). Dopamine determines the vulnerability of striatal neurons to the N-terminal fragment of mutant huntingtin through the regulation of mitochondrial complex II. *Hum. Mol. Genet.* *17*, 1446-1456.

Brochier, C., Gaillard, M.-C., Diguët, E., Caudy, N., Dossat, C., Segurens, B., Wincker, P., Roze, E., Caboche, J., Hantraye, P., Brouillet, E., Elalouf J.-M., and de Chaldee, M. (2008). Quantitative gene expression profiling of mouse brain regions reveals differential transcripts conserved in man and affected in disease models. *Physiol. Genomics* *33*, 170-179.

Cheval, L., Morla, L., Elalouf J.-M., and Doucet, A. (2006). Kidney collecting duct acid-base "regulon". *Physiol. Genomics* *27*, 271-281.

Bourdet, A., Ciaudo, C., Zakin, L., Elalouf, J.-M., Rusniok, C., Weissenbach, J., and Avner, P. (2006). A SAGE approach to identifying novel trans-acting factors involved in the X inactivation process. *Cytogenet. Genome Res.* *113*, 325-335.

Benchoua, A., Trioulier, Y., Zala, D., Gaillard, M.-C., Lefort, N., Dufour, N., Saudou, F., Elalouf, J.-M., Hirsch, E., Hantraye, P., Deglon, N., and Brouillet, E. (2006). Involvement of

Mitochondrial Complex II Defects in Neuronal Death Produced by N-Terminus Fragment of Mutated Huntingtin. *Mol. Biol. Cell.* *17*, 1652-1663.

de Chaldée, M., Brochier, C., Van de Vel, A., Caudy, N., Luthi-Carter, R., Gaillard, M.-C., and Elalouf, J.-M. (2006). Capucin: a novel striatal marker down-regulated in rodent models of Huntington disease. *Genomics* *87*, 200-207.

Guinobert, I., Viltard, M., Piquemal, D., Elalouf, J.-M., Marti, J., and Lelievre-Pegorier, M. (2006). Identification of differentially expressed genes between fetal and adult mouse kidney: candidate gene in kidney development. *Nephron Physiol.* *102*, 81-91.

Assié, G., Auzan, C., Gasc, J.-M., Baviera, E., Balaton, A., Elalouf, J.-M., Jeunemaitre, X., Plouin, P.F., Corvol, P., and Clauser E. (2005) Steroidogenesis in aldosterone-producing adenoma revisited by transcriptome analysis. *J. Clin. Endocrinol. Metab.* *90*, 6638-6649.

Mansour, H., Cheval, L., Elalouf J.-M., Aude, J.-C., Alyanakian, M.A., Mougenot, B., Doucet, A., and Deschênes G. (2005) T-cell transcriptome analysis points up a thymic disorder in idiopathic nephrotic syndrome. *Kidney Int.* *67*, 2168-2177.

Artagaveytia, N., Elalouf, J.-M., de Rouffignac, C., Boivin, R., and Cirio, A. (2005) Expression of urea transporter (UT-A) mRNA in papilla and pelvic epithelium of kidney in normal and low protein fed sheep. *Comp. Biochem. Physiol. B Biochem. Mol. Biol.* *140*, 279-285.

Cheval, L., Duong Van Huyen, J.P., Bruneval, P., Verbavatz, J.-M., Elalouf, J.-M., and Doucet, A. (2004) Plasticity of mouse renal collecting in response to potassium depletion. *Physiol. Genomics.* *19*, 61-73.

Chabardès-Garonne, D., Mejean, A., Aude, J.-C., Cheval, L., Di Stefano, A., Gaillard, M.-C., Imbert-Teboul, M., Wittner, M., Balian, C., Anthouard, V., Robert, C., Ségurens, B., Wincker, P., Weissenbach, J., Doucet, A., and Elalouf J.-M.. (2003) A panoramic view of gene expression in the human kidney. *Proc. Natl. Acad. Sci. USA* *100*, 13710-13715.

de Chaldée, M., Gaillard, M.-C., Bizat, N., Buhler, J.-M., Manzoni, O., Bockaert, J., Hantraye, P., Brouillet, E., and Elalouf, J.-M.. (2003) Quantitative assessment of transcriptome differences between brain territories. *Genome Res.* *13*, 1646-1653.

Piquemal, D., Commes, T., Manchon, L., Lejeune, M., Ferraz, C., Pugnère, D., Demaille, J., Elalouf, J.-M., and Marti, J. (2002) Transcriptome analysis of monocytic leukemia cell differentiation. *Genomics* *80*, 361-371.

Cheval, L., Virlon, B., Billon, E., Aude, J.-C., Elalouf, J.-M., and Doucet, A. (2002) Large-scale analysis of gene expression : methods and application to the kidney. *J. Nephrol.* *15*, S170-S183.

Elalouf, J.-M., Aude, J.-C., Billon, E., Cheval, L., Doucet, A., and Virlon, B. (2002) Renal transcriptomes : segmental analysis of differential expression. *Exp. Nephrol.* *10*, 75-81.

Robert-Nicoud, M., Flahaut, M., Elalouf, J.-M., Nicod, M., Salinas, M., Bens, M., Doucet, A., Wincker, P., Artiguenave, F., Horisberger, J.-D., Vandewalle, A., Rossier, B.C., and Firsov, D. (2001) Transcriptome of a mouse kidney cortical collecting duct cell line : effect of aldosterone and vasopressin. *Proc. Natl. Acad. Sci. USA* *98*, 2712-2716.

Zakin, L., Reversade, B., Virlon, B., Rusniok, C., Glaser, P., Elalouf, J.-M., and Brulet, P. (2000) Gene expression profiles in normal and *Otx2*<sup>-/-</sup> early gastrulating mouse embryos. *Proc. Natl. Acad. Sci. USA* *97*, 14388-14393.

Virlon, B., Cheval, L., Buhler, J.-M., Billon, E., Doucet, A., and Elalouf, J.-M.. (1999) Serial microanalysis of renal transcriptomes. *Proc. Natl. Acad. Sci. USA* *96*, 15286-15291.

Troispoux, C., Guillou, F., Elalouf, J.-M., Firsov, D., Iacovelli, L., De Blasi, A., Combarnous, Y., and Reiter, E. (1999) Involvement of G protein-coupled receptor kinases and arrestins in desensitization to follicle-stimulating hormone action. *Mol. Endocrinol.* *13*, 1599-1614.

Chabardès, D., Imbert-Teboul, M., and Elalouf J.-M..(1999) Functional properties of Ca<sup>2+</sup>-inhibitable type 5 and type 6 adenylyl cyclases and role of Ca<sup>2+</sup> increase in the inhibition of intracellular content. *Cell. Signal.* *11*, 651-663

Chabardès, D., Elalouf, J.-M., and Aarab, L. (1999) Regulation of intracellular cAMP content in kidney tubules : role of adenylyl cyclases inhibitable by calcium. *Nephrologie* 20, 193-201.

de Mintegiaga, C., Clerget, M.-S., Tran Ba Huy, P., and Elalouf, J.-M. (1998) Beta2-adrenergic but not vasopressin V2 receptor mRNAs are expressed in the stria vascularis of the rat inner ear. *Pflugers Arch.* 436, 940-947.

Hardouin, S., Bourgeois, F., Toraasson, M., Oubenaissa, A., Elalouf, J.-M., Fellmann, D., Dakhli, T., Swynghedauw, B., and Moalic, J.-M. (1998) Beta-adrenergic and muscarinic receptor mRNA accumulation in the sinoatrial node area of adult and senescent rat hearts. *Mech. Ageing Dev.* 100, 277-297.

Virlon, B., Firsov, D., Cheval, L., Reiter, E., Troispoux, C., Guillou, F., and Elalouf, J.-M. (1998) Rat G protein-coupled receptor kinase GRK4: Identification, functional expression, and differential tissue distribution of two splice variants. *Endocrinology* 139, 2784-2795.

Klingler, C., Ancellin, N., Barrault, M.-B., Morel, A., Buhler, J.-M., Elalouf, J.-M., Clauser, E., Lugnier, C., and Corman, B. (1998) Angiotensin II potentiates vasopressin-dependent cAMP accumulation in CHO transfected cells. Mechanisms of cross-talk between AT1A and V2 receptors. *Cell. Signal.* 10, 65-74.

Clerget, M.S., Elalouf, J.-M., and Germain, G. (1997) Quantitative reverse transcription and polymerase chain reaction analysis of oxytocin and vasopressin receptor mRNAs in the rat uterus near parturition. *Mol. Cell. Endocr.* 136, 79-89.

Firsov, D., and Elalouf, J.-M. (1997) Molecular cloning of two rat GRK6 splice variants. *Am. J. Physiol.* 273 (Cell Physiol. 42), C953-C961.

Cheval, L., Elalouf, J.-M., and Doucet, A (1997) Re-evaluation of the expression of gastric H,K-ATPase  $\alpha$  subunit along the rat nephron. *Pflügers Arch.* 433, 539-541.

Chabardès, D., Firsov, D., Aarab, L., Clabecq, A., Bellanger, A.C., Siaume-Perez, S., and Elalouf, J.-M. (1996) Localization of mRNAs encoding  $Ca^{2+}$ -inhibitable adenylyl cyclases

along the renal tubule. Functional consequences for regulation of the cAMP content. *J. Biol. Chem.* *271*, 19264-19271.

Marsy, S., Elalouf, J.-M., and Doucet, A. (1996) Quantitative RT-PCR analysis of mRNAs encoding a colonic putative H,K-ATPase  $\alpha$  subunit along the rat nephron: effect of K<sup>+</sup> depletion. *Pflügers Arch.* *432*, 494-500.

Le Maout, S., Sewing, S., Coudrier, E., Elalouf J.-M., Pongs, O., and Merot, J. (1996) Polarized targeting of a Shaker-like (A-type) K<sup>+</sup>-channel in the polarized epithelial cell line MDCK. *Mol. Membrane Biol.* *13*, 143-147.

Firsov, D., Bellanger, A.C., Marsy, S., and Elalouf, J.-M. (1995) Quantitative RT-PCR analysis of calcitonin receptor mRNAs along the rat nephron. *Am. J. Physiol.* *269* (Renal Fluid Electrolyte Physiol. *38*), F702-F709.

Mandon, B., Bellanger, A.C., and Elalouf, J.-M. (1995) Inverse PCR-mediated cloning of the promoter for the rat vasopressin V<sub>2</sub> receptor gene. *Pflügers Arch.* *430*, 12-18.

Mandon, B., Siga, E., Champigneulle, A., Imbert-Teboul, M., and Elalouf, J.-M. (1995) Molecular analysis of  $\beta$ -adrenergic receptor subtypes in rat collecting duct: effects on cell cAMP and Ca<sup>2+</sup> levels. *Am. J. Physiol.* *268* (Renal Fluid Electrolyte Physiol. *37*), F1070-F1080.

Firsov, D., Mandon, B., Morel, A., Merot, J., Le Maout, S., Bellanger, A.C., de Rouffignac, C., Elalouf, J.-M., and Buhler, J.-M. (1994) Molecular analysis of vasopressin receptors in the rat nephron. Evidence for alternative splicing of the V<sub>2</sub> receptor. *Pflügers Arch.* *429*, 79-89.

Elalouf, J.-M., Buhler, J.-M., Tessiot, C., Bellanger, A.C., Dublineau, I., and de Rouffignac, C. (1993) Predominant expression of  $\beta_1$ -adrenergic receptor in the thick ascending limb of rat kidney. Absolute mRNA quantitation by reverse transcription and polymerase chain reaction. *J. Clin. Invest.* *91*, 264-272.

Dublineau, A., Pradelles, P., de Rouffignac, C., and Elalouf, J.-M. (1992) Desensitization to vasopressin action in the rat kidney medulla: studies on isolated nephron segments. *Renal Physiol. Biochem.* 15, 57-65.

Dublineau, A., Pradelles, P., de Rouffignac, C., and Elalouf, J.-M. (1992) Differential short-term desensitization to vasopressin, Isoproterenol, glucagon, parathyroid hormone and calcitonin in the thick ascending limb of rat kidney. *Pflügers Arch.* 420, 16-22.

Nahmias, C., Blin, N., Elalouf, J.-M., Mattei, M.-G., Strosberg, A.D., and Emorine, L.J. (1991) Molecular characterization of the mouse  $\beta_3$ -adrenergic receptor: relationship with the atypical receptor of adipocytes. *Embo J.* 10, 3721-3727.

De Rouffignac, C., Elalouf, J.-M., and Roinel, N. (1991) Glucagon inhibits water and NaCl transports in the proximal convoluted tubule of the rat kidney. *Pflügers Arch.* 419, 472-477.

De Rouffignac, C., Di Stefano, A., Wittner, M., Roinel, N., and Elalouf, J.-M. Consequences of differential effects of ADH and other peptide hormones on thick ascending limb of mammalian kidney. (1991) *Am. J. Physiol.* 260 (Regulatory Integrative Comp. Physiol. 29), R1023-R1035.

Dublineau, A., Pradelles, P., de Rouffignac, C., and Elalouf, J.-M. (1990) *In vitro* desensitization of isolated nephron segments to vasopressin. *Proc. Natl. Acad. Sci. USA* 87, 7583-7587.

Di Stefano, A., Wittner, M., Nitschke, R., Braitsch, R., Greger, R., Bailly, C., Amiel, C., Elalouf, J.-M., Roinel, N., and de Rouffignac, C. (1989) Effects of glucagon on  $\text{Na}^+$ ,  $\text{Cl}^-$ ,  $\text{K}^+$ ,  $\text{Mg}^{2+}$  and  $\text{Ca}^{2+}$  transport in cortical and medulary thick ascending limbs of mouse kidney. *Pflügers Arch.* 414, 640-646.

Koechlin, N., Elalouf, J.-M., Kaissling, B., Roinel, N., and de Rouffignac, C. (1989) A structural study of the rat proximal and distal nephron : Effect of peptide and thyroid hormones. *Am. J. Physiol.* 256 (Renal fluid Electrolyte Physiol. 25), F814-F822.

Dublineau, I., Elalouf, J.-M., Pradelles, P., and de Rouffignac, C. (1989) Independent desensitization of rat renal thick ascending limbs and collecting ducts to ADH. *Am. J. Physiol.* 256 (Renal Fluid Electrolyte Physiol. 25), F656-F663.

De Rouffignac, C., and Elalouf, J.-M. (1988) Hormonal regulation of chloride transport in the proximal and distal nephron. *Ann. Rev. Physiol.* 50, 123-140.

De Rouffignac, C., Elalouf, J.-M., and Roinel, N. (1987) Physiological control of the urinary concentrating mechanism by peptide hormones. *Kidney Int.* 31, 611-620.

Elalouf, J.-M., Chabane Sari, D., Roinel, N., and de Rouffignac, C. (1988) Desensitization of rat renal thick ascending limb cells to vasopressin. *Proc. Natl. Acad. Sci. USA* 85, 2407-2411.

Elalouf, J.-M., Chabane Sari, D., Roinel, N., and de Rouffignac, C. (1987) NaCl and Ca delivery at the bend of rat deep nephrons decreases during antidiuresis. *Am. J. Physiol.* 252 (Renal Fluid Electrolyte Physiol. 21), F1055-F1064.

Elalouf, J.-M., Chabane Sari, D., and de Rouffignac, C. (1986) Additive effects of glucagon and vasopressin on renal Mg reabsorption and urine concentrating ability in the rat. *Pflügers Arch.* 407 (suppl 2), S66-S71.

Elalouf, J.-M., Di Stefano, A., and de Rouffignac, C. (1986) Sensitivities of rat kidney thick ascending limbs and collecting ducts to vasopressin *in vivo*. *Proc. Natl. Acad. Sci. USA* 83, 2276-2280.

Elalouf, J.-M., Roinel, N., and de Rouffignac, C. (1986) Effects of human calcitonin on water and electrolyte movements in rat juxtamedullary nephrons: inhibition of medullary K recycling. *Pflügers Arch.* 406, 502-508.

Elalouf, J.-M., Roinel, N., and de Rouffignac, C. (1986) Effects of glucagon and PTH on the loop of Henle of rat juxtamedullary nephrons. *Kidney Int.* 29, 807-813.



Elalouf, J.-M., Roinel, N., and de Rouffignac, C. (1985) Effects of dDAVP on rat juxtamedullary nephrons : Stimulation of medullary K recycling. *Am. J. Physiol.* 249 (Renal Fluid Electrolyte Physiol. 18), F291-F298.

Di Stefano, A., Elalouf, J.-M., Garel, J.-M., and de Rouffignac, C. (1985) Modulation by calcitonin of magnesium and calcium urinary excretion in the rat. *Kidney Int.* 27, 394-400.

Elalouf, J.-M., Roinel, N., and de Rouffignac, C. (1984) Effects of antidiuretic hormone on electrolyte reabsorption and secretion in distal tubules of rat kidney. *Pflügers Arch.* 401, 167-173.

Elalouf, J.-M., Roinel, N., and de Rouffignac, C. (1984) ADH-like effects of calcitonin on electrolyte transport by Henle's loop of rat kidney. *Am. J. Physiol.* 246 (Renal Fluid Electrolyte Physiol. 15), F213-F220.

De Rouffignac, C., and Elalouf, J.-M. (1983) Effects of calcitonin on the renal concentrating mechanism. *Am. J. Physiol.* 245 (Renal Fluid Electrolyte Physiol. 14), F506-F511.

Elalouf, J.-M., Roinel, N., and de Rouffignac, C. (1983) Stimulation by human calcitonin of electrolyte transport in distal tubules of rat kidney. *Pflügers Arch.* 399, 111-118.

## Chapitres de livres et articles parus dans des actes de congrès

Elalouf, J.-M., Bon, C., van der Plicht J., et Philippe, M. (2011) Analyse génétique et datation d'échantillons d'ours des cavernes (*Ursus spelaeus*) de la Grotte des Deux-Ouvertures (Ardèche, France). *Quaternaire, Hors-série 4*, 283-289.

Bon, C., and Elalouf, J.-M. (2010) Cave bear genomics in the Paleolithic painted Cave of Chauvet-Pont d'Arc. In : *Evolutionary Biology - Concept, molecular and morphological evolution*. Edited by P. Pontarotti, Springer, Berlin Heidelberg, pp. 343-356.

Marti, J., and Elalouf J.-M. (2007). Serial Analysis of Gene expression. In : *Genomics and genetics : From molecular details to analysis and techniques*, vol. 2. Edited by R.A. Meyers. Wiley-VCH, pp. 693-711.

de Chaldée, M., Gaillard, M.-C., and Elalouf J.-M. (2005) Determining transcriptome differences between brain territories. In : *SAGE : current technologies and applications*. Edited by S. Ming Wang, Horizon Bioscience, pp. 229-238.

Cheval, L., Virlon, B., and Elalouf J.-M. (2000) SADE : a microassay for serial analysis of gene expression. In : *Functional genomics, a practical approach*. Edited by S.P. Hunt, and J.P. Livesey. Oxford University Press, pp. 139-163.

Elalouf, J.-M., Firsov, D., Mandon, B., Bellanger, A.C., and de Rouffignac, C. (1995) Structure and expression of the rat vasopressin V<sub>2</sub> receptor gene. In: *Neurohypophysis: Recent progress of vasopressin and oxytocin research*. Edited by T. Saito, K. Kurokawa, and S. Yoshida. Elsevier Science, pp 433-443.

Elalouf, J.-M., Firsov, D., Mandon, B., Morel, A., Bellanger, A.C., de Rouffignac, C., and Bulher, J.-M. (1993) Molecular characterization of vasopressin receptor subtypes in isolated nephron segments using reverse transcription-PCR. In: *Vasopressin*. Edited by P. Gross, D. Richter, and G.L. Robertson. John Libbey Eurotext, pp 261-274.

de Rouffignac, C., Roinel, N., and Elalouf, J.-M. (1993) Comparative effects of peptide-hormones on water and electrolyte transport along the proximal and distal tubules of the mammalian nephron. In: *New insights in vertebrate kidney functions*, Society for experimental Biology seminar series, vol. 52. Edited by J.A. Brown, R.J. Balment, and J.C. Rankin. Cambridge University Press, pp. 281-309.

De Rouffignac, C., Di Stefano, A., Wittner, M., Chabane Sari, D., and Elalouf, J.-M. (1991) The renal handling of magnesium. In: *Magnesium: a relevant ion*. Edited by B. Lasserre, and J. Durlach. John Libbey, pp. 145-167.

Elalouf, J.-M., Dublineau, I., and de Rouffignac, C. (1991) Desensitization: a potential regulatory mechanism of vasopressin action in the thick ascending limb of Henle's loop. In: *Vasopressin*. Edited by S. Jard, and R. Jamison. John Libbey Eurotext, 208, pp 465-472.

De Rouffignac, C., and Elalouf, J.-M. (1988) Effects of vasopressin on the nephron function of hormone-deprived rats. In *Vasopressin: Cellular and Integrative Functions*. Edited by A.W. Cowley, J.F. Liard, and D.A. Ausiello. Raven Press Ltd., New York, pp 115-125.

De Rouffignac, C., and Elalouf, J.-M. (1988) Effects of peptide hormones on juxtamedullary nephron fonction. In *Nephrology vol.1. Proceedings of the X th International Congress of Nephrology*. Edited by A.M. Davison. Baillière Tindall (London), pp 255-267.

de Rouffignac, C, Elalouf, J.-M., and Roinel, N. (1987) Hormonal control of renal medullary functions. *Adv. Nephrol. Necker Hosp. 16*, 103-123.

De Rouffignac, C., Elalouf, J.-M., Roinel, N., Bailly, C. and Amiel, C. (1984) Similarity of the effects of antidiuretic hormone, parathyroïd hormone, calcitonin, and glucagon on rat kidney. In *Nephrology, vol.1, Proceedings of the IX th International Congress of Nephrology*. Edited by R.R. Robinson. Springer Verlag ; New York, Berlin, Heidelberg, Tokyo, pp 340-357.

### **Articles parus dans des revues de vulgarisation scientifique**

Elalouf, J.-M. (2015) La métagénomique, une réponse haut débit aux menaces. *Biofutur* 363, 41-42.

Elalouf, J.-M. (2015). Le génome de l'ours et des canidés de la grotte. In : *La Grotte Chauvet, Dossier d'Archéologie, Hors-série 28*, 60-63.

Elalouf, J.-M., Bon, C., et Palacio, P. (2013) Scènes de chasse en grotte, du génome des espèces éteintes à leur alimentation. *Biofutur* 349, 40.

Elalouf, J.-M., et Feruglio, V. (2012) L'ours spéléologue. *Pour la Science* 412, 28-33.